Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 01 Dec 2023 until 23:59 on Saturday 02 Dec 2023

Forecast Issued on Friday 01 Dec 2023 at 03:41

Confidence: High for cold weather continuing Friday and Saturday with light winds. Confidence falls considerably from Sunday due to uncertainty in the timing, development and track of a sequence of low pressure systems approaching from the southwest

Headline for Friday 01 Dec 2023: Cold, dry and mostly sunny. Mainly light winds.

Mountain weather hazards on Friday 01 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 01 Dec 2023

Weather: A frosty start, with any freezing fog patches at low levels slowly clearing, to leave a dry and largely sunny day. Clear and dry through the evening with frost and fog patches returning to the valleys.

Chance of cloud-free hill tops above 600m: 90% at first, otherwise close to 100%

Low cloud and visibility: Some patchy cloud at 500m at first but soon clearing. Otherwise little or no cloud below the summits. There will be good panoramic views of surrounding hills with generally excellent visibility, although early and late freezing fog patches reducing visibility to a few hundred metres at low levels.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 01 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 NE	13/16 NE	10/13 NE	8/11 NE	7/10 NE	5/6 S	4/5 S
300	8/15 NE	8/13 NE	7/10 NE	5/8 NE	3/7 E	2/3 SW	2/3 SW
Valley	6/17 NE	5/15 NE	6/11 E	3/7 NE	3/6 E	3/5 E	2/3 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-9	-3/-9	-2/-7	-2/-6	-3/-7	-2/-5	-2/-5
300	-1/-5	-1/-5	1/-3	0/-2	-1/-3	-1/-3	-1/-3
Valley	-1/-4	-1/-4	2/-1	0/-2	-2/-4	-2/-4	-3/-5
Freezing Level*	00m	100m	200m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very cold day, with warm layers essential. However for those appropriately equipped for the season, some excellent early winter conditions are likely.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 01 Dec 2023	0mm	0.2mm	0.6mm

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear with low level freezing fog, only gradually clearing through the morning. Otherwise another fine but very cold day with good spells of sunshine. Low cloud developing and freezing fog returning towards midnight, perhaps also the odd snow light shower in the west.

Maximum wind: Southerly 10mph.

Chance of cloud-free hill tops above 600m: Near 100% until the evening, then 80%

Low cloud and visibility: Cloud largely above summits until the evening. Patches of cloud then possible above 500m in the west. Otherwise visibility excellent to very good, but just a few hundred metres in any low level freezing fog. Visibility also falling to a few kilometres in any light snow shower.

Temperature: **Valleys:** Minus 6 Celsius rising Plus 2 Celsius.
At 600m: Minus 3 Celsius rising to Minus 1 Celsius
Freezing level: At surface level at first, rising briefly to 200m

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